

ABSTRACT

Methods for downlink power control in wireless communication systems are provided. In response to a transmitter power change request from a mobile terminal (110) over a wireless connection, a base station (122) determines a power control parameter based on its current total transmitter power P_{DL} . The power control parameter preferably relates to a maximum connection-specific transmitter power, a power step size and/or a power increase probability, and is used by the base station to distribute transmitter power 5 to the connection.

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(Fig. 2)